

2nd Berkeley School on Collective Dynamics
May 21-25, 2007

PROGRAM

	Monday, May 21	
Chair: N. Xu		
9:00-9:15		Opening remarks
9:15-10:15	W. Weise	Phases of QCD and Hadrons in Matter I
	Break	
10:45-11:45	V. Metag	Studying medium modifications of mesons in elementary reactions
11:45-12:30	G. Usai	The NA60 measurements of low and intermediate mass dimuons in In-In collisions at the SPS I
	Lunch	
Chair: F. Wang		
2:00-2:40	J. Holt	Fermi liquid theory of nuclear matter with in-medium nucleon-nucleon interactions
2:40-3:10	DISCUSSION	
	Break	
3:40-4:00	A. Hamed	Probing the medium with photons
4:00-4:20	S. Vogel	Theoretical analysis of dilepton spectra in low energy heavy ion collisions
4:20-4:40	M. Zawisza	Pion-proton femtoscopy in STAR experiment
4:40-5:00	J. Ulery	Three-Particle Azimuthal Correlations from STAR

6 pm
Reception

	Tuesday, May 22	
Chair: J. Randrup		
9:00-10:00	M. Rho	Hidden Gauge Fields in Hot/Dense Matter I
	Break	
10:30-11:30	R. Rapp	Vector Mesons and Heavy Quarks in Medium
11:30-12:30	J. Stroth	Probing resonance matter with low-mass electron pairs
	Lunch	
Chair: S. Voloshin		
2:00-3:00	T. Hatsuda	Lattice QCD I: Nuclear force
3:00-3:30	DISCUSSION	
	Break	
4:00-4:30	J. Casalderrey-Solana	AdS-CFT: Introduction
4:30-4:50	H. Daalsgaard	The Physics Capabilities of the ALICE FMD
4:50-5:10	N. Yamamoto	Hadron-quark continuity in the QCD phase diagram and excitations

	Wednesday, May 23	
Chair: X.N. Wang		
9:00-10:00	C. Djalali	Search for medium modification of vector meson properties at JLAB
	Break	
10:30-11:30	W. Weise	Phases of QCD and Hadrons in Matter II
11:30-12:30	T. Hatsuda	Lattice QCD II: In-medium hadrons
	Lunch	
Chair: H.G. Ritter		
2:00-3:00	P. Braun-Munzinger	Hadronization of light and heavy quarks and the quest for deconfinement in ultra-relativistic nucleus-nucleus collisions
3:00-3:30	DISCUSSION	
	Break	
4:00-4:20	S. Roessner	Modeling the Phases of QCD in and beyond mean field theory
4:20-4:40	H. Gong	Measurement of direct photons with a new π^0 tagging method in $\sqrt{s}=200\text{Gev}$ AuAu Collision at PHENIX
4:40-5:00	L. Ravgali	An improved recombination formalism based on a transport equation
5:00-5:20	R. Hollis	Study of jets at RHIC via multi-hadron correlations

	Thursday, May 24	
Chair: A. Drees		
9:00-9:45	G. Usai	The NA60 measurements of low and intermediate mass dimuons in In-In collisions at the SPS II
9:45-10:45	M. Prakash	Neutron stars I
	Break	
11:15-11:45	J. Casalderrey-Solana	AdS-CFT: “Applications ”
11:50-12:20	DISCUSSION	
	Lunch	
Chair: K. Schweda		
2:00-2:40	F. Wang	Experimental Search for Mach Shock Conical Flow
2:40-3:00	K. Paech	Non-equilibrium Dynamics and Viscosity
	Break	
3:30-3:50	B. Biritz	High & Low Voltage for ToF at STAR and S.P.E. at Daya Bay
3:50-4:10	T. Dahms	Measurements of the dilepton continuum in p+p collisions at the PHENIX experiment at RHIC
4:10-4:30	J. Chen	Global spin alignment of vector meson (K^*, ϕ) in non-central Au+Au collisions
4:30-4:50	H. Gos	Proton femtoscopy in STAR at RHIC

6:30
Conference Dinner
(no host)

	Friday, May 25	
Chair: P. Jacobs		
9:00-10:00	M. Rho	Hidden Gauge Fields in Hot/Dense Matter II
	Break	
10:30-11:30	M. Prakash	Neutron stars II
11:30-12:30	A. Drees	Studying the QGP with hard probes at RHIC
	Lunch	
Chair: V. Koch		
2:00-2:20	J. Bouchet	Performance of the Si strip detector in the STAR experiment at the RHIC collider
2:20-2:40	C. Nygaard	Rapidity Dependency of Coalescence in Au+Au Collisions at $\sqrt{s} = 200$ GeV.
2:40-3:10	Break	
3:10-3:30	J. Chen	Directed flow of identified particles from Au+Au Collisions at RHIC
3:30-3:50	J. Kapitan	Multiplicity distributions in pp collisions from STAR experiment
3:50-4:10	S. Dogra	Photon Multiplicity and Pseudorapidity Distributions at STAR Experiment At RHIC